AEE/PSD/D2/SBK/18/18-19
Dt 18/9/18

Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

No. 1st and Part bill

(For Other Works) Date.....20.....

Division-Project Division (Dasarahalli)
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No..... Head of Account: P-3316
Name of Work: **Development of Park and other Improvement Work in Sy.No.33 of Mallasandra in ward No-13**
Contractor and Full Address: **M/s KRIDL**
Reference to Agreement No: EE/PD/D2/AGR-63/2017-18 dt 26/3/18
Work Order No: BBMP/D2/PD/WO53/2017-18 dt 26/3/2018
Job code No:
Certified that the measurements were taken by me on 06.09.2018 and recorded in pages 190301 to 190305
Of measurement Book No.....1904..... and that the work is satisfactorily executed.

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010
Contractor

Officer-in-charge of work

Certified that the measurements were taken by me on..... and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Project Sub Division-I
Dasarahalli Zone,
Bruhat Bengaluru Mahanagara Palike
Sub-Division Officer

If Memorandum of Payment 013-18-000013

1)	Total value of work done or supplies made as per account within	9570325
2)	Deduct amount to be held in reserve being.....percent Rs.....	191407-
3)	Deduct amount to be held in Balance	95703-
4)	Deduct Payment :	
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....	95703
	Amount adjusted towards cash advance recovery of	478516-
	b) Payments cost store or other materials supplied.	95703-
	Now made recovery of amount creditable to this/other work	95703-
	Amount paid on this bill Cheque/Cash	124,414-
5)	Balance being unpaid value of work done held in reserve	1091016-
6)	Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments	8479309-
7)	Net amount due to or from contractor	
	Unadjusted items	
8)	Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied	

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010
Contractor's Signature

Received Rs.....(in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses:

1.

2.

Dated.....Signature of Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

Initials of Officer Making Payment

(For use in the Office)

Audited and admitted for Rs. 9570325/-
Passed by Cheque for Rs. 8479309/-
(.....
.....
by accountancies: 1091016-

Accounts Superintendent

Exe. Engineer

Executive Engineer
B.B.M.P Dasarahalli Division

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Development of Park and other Improvement Work in Sy.No.33 of Mallasandra in ward No-13

ABSTRACT - R.A BILL No.01

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete asper specifications.MORTH / Chapter 3(I No-19.1,	Cum	3569.00	170.92	610013.48	–	–	430.84	170.92	73639.39	430.84	73639.39
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.(I No-2.15, P No-6)	Cum	102.16	2240.84	228933.18	–	–	47.66	2240.84	106807.40	47.66	106807.40

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms^thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2.(P.No-12.I No-4.2)	Cum	442.16	5348.76	2364980.98	–	–	72.21	5348.76	386229.15	72.21	386229.15
4	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per	Cum	38.89	6594.26	256473.85	–	–	36.19	6594.26	238669.35 238646	36.19	238669.35 238646

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
5	Providing laying palin / reinforced cement concrete for Box Drain walls of thicknes 10cm to 20 cm including cenmtering shuttering form work etc. complete as per approved drawiong and design MORTH Specification No. 1500,1700,2200 PCC M 20	Cum	160.42	11032.48	1769878.98	–	–	80.34	11032.48	886349.44	80.34	886349.44
6	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, . propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification	Sqm	150.96	387.96	58566.44			150.96	387.96	58566.44		58566.44
7	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as	Tn	25.62	64243.42	1645772.58	–	–	10.38	64243.42	666834.41	10.38	666834.41
8	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift transportation etc. conmplete (Data	Sqm	338.00	2100.00	709800.00	–	–	158.40	2100.00	332640.00	158.40	332640.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
9	KSRRB M2200- Providing Weep Holes KSRRB M2200-8. Providing weep holes in Brick masonry / Plain / Reinforced concrete abutment, wing wall / return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing foce. Complete as per drawing and Technical Specifications complete as per specifications MORTH Specification No 2705 & 2200	Nos	62.77	178.08	11178.57	–	–	0.00	178.08	0.00	0.00	0.00
10	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per	Cum	308.50	4438.22	1369193.09	–	–	173.00	4438.22	767821.38	173.00	767821.38
11	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	306.53	103.88	31841.82	–	–	213.40	103.88	22168.04	213.40	22168.04

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
12	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery,	Cum	8.82	5767.46	50869.00	–	–	0.00	5767.46	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
13	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm galvanised forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flats, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading and unloading with cost and conveyance of all materials, labour, machinery andincidental charges for the successful completion of the work as per the	Sqm	456.75	9144.14	4176585.95	–	–	411.75	9144.14	3765099.65	411.75	3765099.65
14	Providing and fixing Pre cast solid concrete kerb stones made out of CC1:2:4 and finished with CM 1:3 plastering and finishing cutting etc - do - of size 450 x 200 x 400 mm Page No.25/ Item No. 5.29 and 5.29.1/ PWD	No's	1355.56	385.84	523027.56	–	–	0.00	385.84	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
15	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after throughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. (Page No.121, Item	Sqm	244.00	27.56	6724.64	_	_	0.00	27.56	0.00	0.00	0.00
16	KSRB 15-14.4: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved sade after thoroughly brushing the surfae, free from mortar drops and other forign matter including preparing the surface even and sand paper smooth, cost of materials, labour, Complete as per	Sqm	244.00	95.40	23277.60	_	_	0.00	95.40	0.00	0.00	0.00
17	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries	Sqm	437.50	966.72	422940.00	_	_	0.00	966.72	0.00	0.00	0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
18	Removal of Unserviceable Soil with Disposal KSRRB M300-19. Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per	Sqm	1035.00	71.22	73712.70	_	_	1035.00	71.22	73712.70		73712.70
19	Excavation in Soil using Hydraulic Excavator CK 90 and Tippers with Disposal KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete	Cum	4128.00	80.76	333377.28	_	_	3267.00	80.76	263842.92		263842.92
20	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per	Sqm	1435.00	5.30	7605.50	_	_	0.00	5.30	0.00		0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
21	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 (I No-19.60,P.No-147)	Cum	3490.50	320.12	1117378.86	–	–	3060.00	320.12	979567.20		979567.20
22	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller	Cum	215.25	1768.08	380579.22	–	–	0.00	1768.08	0.00		0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
23	KSRRB M600-2. Cement Concrete Pavement :- Construction of un- reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with 25mm and down size graded granite metal coarse aggregate with superplastisizer at 3lts conforming to IS 9103- 1999 reaffirmed 2008, (Coarse and fine aggregate conforming to IS:383) mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. MORTH Specification No. 602. - with M30 @ 360 Kg/cum Cement, C.A, 0.69 cum F.A. 0.46 cum	Cum	215.25	7110.48	1530530.82	–	–	0.00	7110.48	0.00		0.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
24	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift. (P.No-177,I No-22.7)	Sqm	1385.00	95.40	132129.00	–	–	0.00	95.40	0.00		0.00
	Total				**17835371.08**					**8621947.46**		**8621947.46**
	KRIDL Charges				**1961890.82**					**948414.22**		**948414.22**
	Grand Total				**19797261.90**					**9570361.68**		**9570361.68**

8621915 8621915
948410 948410
9570325 9570325

CERTIFICATE

1 Certified that the work done is satisfactorily.
2 There is no departmental issues by BBMP

PMC
Newzen Consultants Bangalore

Assistant Engineer
Project Division Dasarahalli
BBMP Bangalore

Asst. Executive Engineer,
Project Division Dasarahalli
BBMP Bangalore

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